

IN THE CLAIMS

1. (Currently Amended) A choke coil comprising:
a coil ~~incorporated~~ with at least one of terminals and/or an intermediate tap, the coil comprising ~~configured of a metal plate being punched and folded~~ metal plate;
said coil embedded in a curable magnetic material buried which also comprises a molded connection with the coil therein; and
a radiator comprising of a material ~~with excellent~~ having thermal conductivity higher than that of air ~~disposed~~ located on a surface of the fully cured magnetic material.
2. (Currently Amended) The choke coil according to claim 1, wherein the radiator is ~~disposed~~ located on at least one of a top surface and/or an under surface of the magnetic material.
3. (Currently Amended) The choke coil according to claim 2, wherein the radiator ~~is formed so as to be extended~~ extends outwardly from the top surface of the magnetic material or re-enters said magnetic material through a side surface, and extends to the under surface of said magnetic material.
4. (Currently amended) The choke coil according to claim 1, wherein the radiator ~~is formed so as to be spread~~ extends radially ~~from right~~ just above the location of an air core ~~part of~~ the coil.
5. (Original) The choke coil according to claim 1, wherein the radiator includes a plurality of parallel slits ~~arranged in parallel is provided in the radiator~~.

6. (Currently Amended) The choke coil according to claim 1, wherein the radiator is ~~formed of~~ comprises a flexible material ~~with flexibility~~.

7. (Currently Amended) The choke coil according to claim 1, wherein the magnetic material ~~is formed of~~ comprises material selected from the group consisting of at least one ~~kind~~ or more of a ferrite magnetic material, a composite of ferrite magnetic powder an insulation resin, and a composite of soft magnetic material alloy powder, and an insulation resin.

8. (Currently Amended) An electronic device mounted with a DC/DC converter thereon, wherein the DC/DC converter uses a choke coil including:

a coil ~~incorporated~~ with at least one of terminals and/or an intermediate tap, the coil ~~configured of~~ comprising a ~~metal plate being~~ punched and folded metal plate;

said coil embedded in a curable magnetic material ~~buried~~ which also comprises a molded connection with the coil therein; and

a radiator ~~of~~ comprising a material ~~with excellent~~ having thermal conductivity higher than that of air ~~disposed~~ located on a surface of the fully cured magnetic material.